

What is claimed is:

- 1           1. An e-commerce method for an e-commerce  
2 system, which includes a seller's terminal, a  
3 customer's terminal, a payment agent's terminal for  
4 making payment in behalf of the customer's terminal  
5 when a customer purchases a commodity from a seller,  
6 and commodity delivery means for delivering the  
7 commodity to a designated delivery destination, each  
8 of these various elements of the system having a  
9 function of communicating information with a desired  
10 information communication network, said method  
11 comprising the steps of:
- 12           at the customer's terminal
- 13           (a) sending an order to the seller's terminal  
14 for a commodity via the information communication  
15 network and designating a non-residential place  
16 other than a residential place of the customer as  
17 the delivery destination via the information  
18 communication network;
- 19           at the seller's terminal
- 20           (b) notifying the customer's terminal of  
21 transaction identification (ID) information  
22 peculiar to said order via the information  
23 communication network;
- 24           (c) requesting the payment agent's terminal  
25 for payment for the commodity, for which the

26 customer's terminal made the order, using said  
27 transaction ID information;

28 (d) making arrangements to deliver the  
29 commodity to said non-residential place using the  
30 commodity delivery means; and

31 at the commodity delivery means

32 (e) transferring the commodity to a receiver  
33 for the commodity at said non-residential place.

1 2. An e-commerce method according to claim  
2 1, wherein in said commodity transferring step (e),  
3 certification is made as to whether the receiver  
4 for the commodity is an authorized receiver, using  
5 receiver certifying information, which has been  
6 previously communicated between the seller and the  
7 customer.

1 3. An e-commerce method according to claim  
2 2, wherein:

3 in said transaction ID information notifying  
4 step (b), said receiver certifying information,  
5 which is created at the seller's terminal, and price  
6 information of the transaction, together with said  
7 transaction ID information, are notified to the  
8 customer's terminal; and

9 in said payment requesting step (c), the  
10 customer's terminal notifies the payment agent's

11 terminal of said transaction ID information and said  
12 price information, which have been notified by said  
13 seller's terminal, via the information  
14 communication network as the payment request.

1 4. An electronic transaction method  
2 according to claim 2, wherein in said order sending  
3 step (a), the customer's terminal notifies the  
4 seller's terminal of receiver certifying  
5 information, which has been created by the  
6 customer's terminal when the customer's terminal  
7 has made said order, via the information  
8 communication network.

1 5. An e-commerce method according to claim  
2 2, wherein:

3 in said commodity delivering step (d), a sales  
4 slip medium containing said transaction ID  
5 information in the form of a read-out code  
6 representing said receiver certifying information  
7 is delivered to said non-residential place and is  
8 attached to the commodity; and

9 in said commodity transferring step (e), the  
10 receiver for the commodity is certified as the  
11 authorized receiver, by reading out said transaction  
12 ID information of said sales slip medium using said  
13 receiver certifying information, which is known to

14 the customer's terminal, as said read-out code.

1 6. An e-commerce method according to claim  
2 5, wherein:

3 in said commodity delivering step (d), said  
4 transaction ID information is ciphered with said  
5 read-out code as a code key; and

6 in said commodity transferring step (e), said  
7 ciphered transaction ID information of said sales  
8 slip medium is deciphered using said code key.

1 7. An e-commerce method according to claim 5,  
2 wherein a digital signature of the authorized  
3 receiver for the commodity is recorded in said sale  
4 slip medium using said receiver certifying  
5 information as a key for said digital signature of  
6 said sales slip medium.

1 8. An e-commerce method according to claim  
2 7, wherein said sales slip medium in which said  
3 digital signature is recorded is delivered to the  
4 seller's terminal as a reusable receipt slip by the  
5 commodity delivery means.

1 9. An e-commerce method according to claim  
2 2, wherein:

3 in said commodity delivering step (d), the

4 commodity is delivered to a lockable commodity  
5 cabinet which is located in said non-residential  
6 place and is unlocked when said receiver certifying  
7 information, which is known to the customer's  
8 terminal, is input with respect to said commodity  
9 cabinet; and  
10 in said commodity transferring step (e), said  
11 transferring of the commodity is carried out as said  
12 commodity cabinet is unlocked by inputting said  
13 receiver certifying information, which is known to  
14 the customer's terminal, with respect to said  
15 commodity cabinet.

1 10. An e-commerce method according to claim  
2 2, wherein said receiver certifying information is  
3 biometrics data.

1 11. An e-commerce method according to claim  
2 1, wherein upon completion of delivery of the  
3 commodity to said non-residential place by said  
4 commodity delivering step (d), the seller's terminal  
5 notifies the customer's terminal of the completion  
6 of delivery of the commodity via the information  
7 communication network.

1 12. An e-commerce method according to claim  
2 11, wherein in said commodity transferring step (e),

3 certification is made as to whether the receiver  
4 for the commodity is an authorized receiver, using  
5 receiver certification information, which has been  
6 previously communicated between the seller and the  
7 customer.

1 13. An e-commerce method according to claim  
2 1, further comprising a step of notifying the  
3 customer's terminal of a status of delivery of the  
4 commodity in said commodity delivering step (d) by  
5 making a notice on information bulletin board means  
6 set up in the information communication network and  
7 notified by the customer's terminal.

1 14. An e-commerce method according to claim  
2 1, wherein:

3 at the customer's terminal

4 the customer makes arrangements to pay a  
5 predetermined amount of money periodically to a  
6 customer's account established for the payment agent  
7 to make payment in behalf of the customer; and

8 at the payment agent's terminal

9 the payment agent makes a direct debit of a  
10 price regarding the purchasing of the commodity in  
11 said customer's account to make the payment.

1 15. An e-commerce method according to claim

2 1, wherein at the commodity delivery means, it is  
3 notified to the seller's terminal via the  
4 information communication network that said  
5 transferring of the commodity has been carried out  
6 in said commodity transferring step (e).

1 16. An e-commerce method according to claim  
2 1, wherein in said order sending step (a),  
3 information about the customer also is sent from  
4 the customer's terminal to the seller's terminal  
5 via the information communication network as  
6 marketing information.

1 17. An e-commerce method according to claim  
2 1, wherein upon receipt of said marketing  
3 information from the customer's terminal, at the  
4 seller's terminal the seller makes a discount of  
5 the price of the commodity.

1 18. An e-commerce method according to claim  
2 16, wherein said marketing information is age/sex  
3 information of the customer.

1 19. An e-commerce method for an e-commerce  
2 system which includes a seller's terminal, a  
3 customer's terminal, a purchase agent's terminal  
4 for making arrangements to purchase a commodity in

5     behalf of the customer's terminal, and commodity  
6     delivery means for delivering the commodity to a  
7     designated delivery destination, each of these  
8     various elements of the system having a function  
9     of communicating information with a desired  
10    information communication network, said method  
11    comprising the steps of:

12             at the customer's terminal

13             (a) requesting the purchase agent's terminal  
14     to make arrangements to purchase a commodity via  
15     the information communication network and  
16     designating a non-residential place other than a  
17     residential place of the customer as the delivery  
18     destination via the information communication  
19     network;

20             at the purchase agent's terminal

21             (b) sending, upon receipt of the commodity  
22     purchase request, an order to the seller's terminal  
23     for the commodity and designating said  
24     non-residential place as the delivery destination,  
25     via the information communication network;

26             at the seller's terminal

27             (c) notifying the purchase agent's terminal  
28     of price information peculiar to said order via the  
29     information communication network;

30             at the purchase agent's terminal

31             (d) making the payment of the price to the



32 seller's terminal in accordance with said price  
33 information using information peculiar to said order  
34 as transaction identification (ID) information;  
35 at the seller's terminal  
36 (e) making arrangements to deliver the  
37 commodity to said non-residential place using the  
38 commodity delivery means; and  
39 at the commodity delivery means  
40 (f) transferring the commodity to a receiver  
41 for the commodity at said non-residential place.

1 20. An e-commerce method according to claim  
2 19, wherein upon completion of delivery of the  
3 commodity to said non-residential place by said  
4 commodity delivering step (e), the purchase agent's  
5 terminal notifies the customer's terminal of the  
6 completion of delivery of the commodity via the  
7 information communication network.

1 21. An e-commerce method according to claim  
2 19, further comprising a step of notifying the  
3 customer's terminal of a status of delivery of the  
4 commodity in said commodity delivering step (e) by  
5 making a notice on information bulletin board means  
6 set up in the information communication network and  
7 notified by the customer's terminal.

1           22. An e-commerce method according to claim  
2 21, wherein:  
3           at the customer's terminal  
4           the customer makes arrangements to pay a  
5 predetermined amount of money periodically to a  
6 customer's account established for the payment agent  
7 to make payment in behalf of the customer; and  
8           at the payment agent's terminal  
9           the payment agent makes a direct debit of a  
10 price regarding the purchasing of the commodity in  
11 said customer's account to make the payment.

1           23. An e-commerce method according to claim  
2 19, wherein in said commodity transferring step (f),  
3 certification is made as to whether the receiver  
4 for the commodity is an authorized receiver, using  
5 receiver certification information, which has been  
6 previously communicated between the seller and the  
7 customer.

1           24. An e-commerce method according to claim  
2 23, wherein:  
3           in said commodity delivering step (e), a sales  
4 slip medium containing said transaction ID  
5 information in the form of a read-out code  
6 representing said receiver certifying information  
7 is delivered to said non-residential place and is

8 attached to the commodity; and  
9 in said commodity transferring step (f), the  
10 receiver for the commodity is certified as the  
11 authorized receiver, by reading out said transaction  
12 ID information of said sales slip medium using said  
13 receiver certifying information, which is known to  
14 the customer's terminal, as said read-out code.

1 25. An e-commerce method according to claim  
2 24, wherein:

3 in said commodity delivering step (e), said  
4 transaction ID information is ciphered with said  
5 read-out code as a code key; and

6 in said commodity transferring step (f), said  
7 ciphered transaction ID information of said sales  
8 slip medium is deciphered using said code key.

1 26. An e-commerce method according to clam  
2 24, wherein a digital signature of the authorized  
3 receiver for the commodity is recorded in said sale  
4 slip medium using said receiver certifying  
5 information as a key for said digital signature of  
6 said sales slip medium.

1 27. An e-commerce method according to claim  
2 26, wherein said sales slip medium in which said  
3 digital signature is recorded is delivered to the

4 seller's terminal as a reusable receipt slip by the  
5 commodity delivery means.

1 28. An e-commerce method according to claim  
2 23, wherein:

3 in said commodity delivering step (e), the  
4 commodity is delivered to a lockable commodity  
5 cabinet which is located in said non-residential  
6 place and is unlocked when said receiver certifying  
7 information, which is known to the customer's  
8 terminal, is input with respect to said commodity  
9 cabinet; and

10 in said commodity transferring step (f), said  
11 transferring of the commodity is carried out as said  
12 commodity cabinet is unlocked by inputting said  
13 receiver certifying information, which is known to  
14 the customer's terminal, with respect to said  
15 commodity cabinet.

1 29. An e-commerce method according to claim  
2 23, wherein said receiver certifying information  
3 is biometrics data.

1 30. An e-commerce method according to claim  
2 19, wherein:  
3 at the customer's terminal  
4 the customer makes arrangements to pay a

5 predetermined amount of money periodically to a  
6 customer's account established for the purchase  
7 agent to make payment in behalf of the customer;  
8 and

9 at the purchase agent's terminal  
10 the purchase agent makes a direct debit of  
11 a price regarding the purchasing of the commodity  
12 in said customer's account to make the payment.

1 31. An e-commerce method according to claim  
2 19, wherein at the commodity delivery means, it is  
3 notified to the seller's terminal via the  
4 information communication network that said  
5 transferring of the commodity has been carried out  
6 in said commodity transferring step (f).

1 32. An e-commerce method for an e-commerce  
2 system, which includes a seller's terminal, a  
3 customer's terminal, a purchase agent's terminal  
4 for making arrangements to purchase a commodity in  
5 behalf of the customer's terminal, a settlement  
6 agent's terminal for making arrangements to settle  
7 for the purchase of the commodity in behalf of the  
8 customer, and commodity delivery means for  
9 delivering the commodity to a designated delivery  
10 destination, each of these various elements of the  
11 system having a function of communicating

12 information with a desired information  
13 communication network, said method comprising the  
14 steps of:

15 at the customer's terminal

16 (a) requesting the purchase agent's terminal  
17 to make arrangements to purchase a commodity via  
18 the information communication network and  
19 designating a non-residential place other than a  
20 residential place of the customer as the delivery  
21 destination via the information communication  
22 network;

23 at the purchase agent's terminal

24 (b) sending, upon receipt of the commodity  
25 purchase request, an order to the seller's terminal  
26 for the commodity and designating said  
27 non-residential place as the delivery destination,  
28 via the information communication network;

29 at the seller's terminal

30 (c) notifying the purchase agent's terminal  
31 of price information peculiar to said order via the  
32 information communication network;

33 at the purchase agent's terminal

34 (d) making arrangements to pay the price to  
35 the seller's terminal in accordance with said price  
36 information using information peculiar to said order  
37 as transaction identification (ID) information;

38 (e) requesting the settlement agent's terminal

39 for the payment in accordance with the price  
40 information corresponding to the settlement  
41 arrangements which the purchase agent's terminal  
42 has made in behalf of the customer's terminal, via  
43 the information communication network;

44 at the settlement agent's terminal

45 (f) making arrangements to pay to the purchase  
46 agent's terminal the price corresponding to the  
47 payment request upon receipt of the payment request  
48 from the purchase agent's terminal;

49 at the seller's terminal

50 (g) making arrangements to deliver the  
51 commodity to said non-residential place using the  
52 commodity delivery means; and

53 at the commodity delivery means

54 (h) transferring the commodity to a receiver  
55 at said non-residential place.

1 33. An e-commerce method according to claim  
2 32, wherein upon completion of delivery of the  
3 commodity to said non-residential place by said  
4 commodity delivering step (g), the purchase agent's  
5 terminal notifies the customer's terminal of the  
6 completion of delivery of the commodity via the  
7 information communication network.

1 34. An e-commerce method according to claim

2 32, further comprising a step of notifying the  
3 customer's terminal of a status of delivery of the  
4 commodity in said commodity delivering step (g) by  
5 making a notice on information bulletin board means  
6 set up in the information communication network and  
7 notified by the customer's terminal.

1 35. An e-commerce method according to claim  
2 34, wherein:

3 at the customer's terminal

4 the customer makes arrangements to pay a  
5 predetermined amount of money periodically to a  
6 customer's account established for the payment agent  
7 to make payment in behalf of the customer; and

8 at the payment agent's terminal

9 the payment agent makes a direct debit of a  
10 price regarding the purchasing of the commodity in  
11 said customer's account to make the payment.

1 36. An e-commerce method according to claim  
2 32, wherein in said commodity transferring step (h),  
3 certification is made as to whether the receiver  
4 for the commodity is an authorized receiver, using  
5 receiver certification information which has been  
6 previously communicated between the seller and the  
7 customer.



1           37. An e-commerce method according to claim  
2   36, wherein:

3           in said commodity delivering step (g), a sales  
4   slip medium containing said transaction ID  
5   information in the form of a read-out code  
6   representing said receiver certifying information  
7   is delivered to said non-residential place and is  
8   attached to the commodity; and

9           in said commodity transferring step (h), the  
10   receiver for the commodity is certified as the  
11   authorized receiver, by reading out said transaction  
12   ID information of said sales slip medium using said  
13   receiver certifying information, which is known to  
14   the customer's terminal, as said read-out code.

1           38. An e-commerce method according to claim  
2   37, wherein:

3           in said commodity delivering step (g), said  
4   transaction ID information is ciphered with said  
5   read-out code as a code key; and

6           in said commodity transferring step (h), said  
7   ciphered transaction ID information of said sales  
8   slip medium is deciphered using said code key.

1           39. An e-commerce method according to claim 37,  
2   wherein a digital signature of the authorized  
3   receiver for the commodity is recorded in said sale

4 slip medium using said receiver certifying  
5 information as a key for said digital signature of  
6 said sales slip medium.

1 40. An e-commerce method according to claim  
2 39, wherein said sales slip medium in which said  
3 digital signature is recorded is delivered to the  
4 seller's terminal as a reusable receipt slip by the  
5 commodity delivery means.

1 41. An e-commerce method according to claim  
2 36, wherein:

3 in said commodity delivering step (g), the  
4 commodity is delivered to a lockable commodity  
5 cabinet which is located in said non-residential  
6 place and is unlocked when said receiver certifying  
7 information, which is known to the customer's  
8 terminal, is input with respect to said commodity  
9 cabinet; and

10 in said commodity transferring step (h), said  
11 transferring of the commodity is carried out as said  
12 commodity cabinet is unlocked by inputting said  
13 receiver certifying information, which is known to  
14 the customer's terminal, with respect to said  
15 commodity cabinet.

1 42. An e-commerce method according to claim

2 36, wherein said receiver certifying information  
3 is biometrics data.

1 43. An e-commerce method according to claim  
2 32, wherein:

3 at the customer's terminal

4 the customer makes arrangements to pay a  
5 predetermined amount of money periodically to a  
6 customer's account established for the purchase  
7 agent to make payment in behalf of the customer;  
8 and

9 at the purchase agent's terminal

10 the purchase agent makes a direct debit of  
11 a price regarding the purchasing of the commodity  
12 in said customer's account to make the payment.

1 44. An e-commerce method according to claim  
2 32, wherein at the commodity delivery means, it is  
3 notified to the seller's terminal via the  
4 information communication network that said  
5 transferring of the commodity has been carried out  
6 in said commodity transferring step (h).

1 45. An e-commerce method for an e-commerce  
2 system, which includes a seller's terminal, a  
3 customer's terminal, a payment agent's terminal for  
4 making arrangements to pay the price of a commodity

5 in behalf of the customer's terminal, and commodity  
6 delivery means for delivering the commodity to a  
7 designated destination, each of these various  
8 elements of the system having a function of  
9 communicating information with a desired  
10 information communication network, said method  
11 comprising the steps of:

12 at the customer's terminal

13 (a) requesting the payment agent's terminal  
14 to make arrangements to deliver a commodity to a  
15 delivery destination via the information  
16 communication network and designating a  
17 non-residential place other than a residential place  
18 of the customer as the delivery destination via the  
19 information communication network;

20 at the payment agent's terminal

21 (b) warranting the payment relating to purchase  
22 between the seller's terminal and the customer's  
23 terminal, which purchase is to be identified by  
24 transaction identification (ID) information  
25 peculiar to the delivery request, by an electronic  
26 document;

27 at the commodity delivery means

28 (c) making arrangements to deliver the  
29 commodity to said non-residential place after said  
30 payment is warranted by said electronic document;  
31 and

32 at the commodity delivery means  
33 (d) transferring the commodity to a receiver  
34 at said non-residential place.

1 46. An e-commerce method according to claim  
2 45, wherein in said commodity transferring step (d),  
3 certification is made as to whether the receiver  
4 for the commodity is an authorized receiver, using  
5 receiver certification information, which has been  
6 previously communicated between the payment agent  
7 and the customer.

1 47. An e-commerce method according to claim  
2 46, wherein:

3 in said commodity delivering step (c), a sales  
4 slip medium containing said transaction ID  
5 information in the form of a read-out code  
6 representing said receiver certifying information  
7 is delivered to said non-residential place and is  
8 attached to the commodity; and

9 in said commodity transferring step (d), the  
10 receiver for the commodity is certified as the  
11 authorized receiver, by reading out said transaction  
12 ID information of said sales slip medium using said  
13 receiver certifying information, which is known to  
14 the customer's terminal, as said read-out code.

1           48. An e-commerce method according to claim  
2 47, wherein:

3           in said commodity delivering step (c), said  
4 transaction ID information is ciphered with said  
5 read-out code as a code key; and

6           in said commodity transferring step (d), said  
7 ciphered transaction ID information of said sales  
8 slip medium is deciphered using said code key.

1           49. An e-commerce method according to clam  
2 47, wherein a digital signature of the authorized  
3 receiver for the commodity is recorded in said sale  
4 slip medium using said receiver certifying  
5 information as a key for said digital signature of  
6 said sales slip medium.

1           50. An e-commerce method according to claim  
2 49, wherein said sales slip medium in which said  
3 digital signature is recorded is delivered to the  
4 seller's terminal as a reusable receipt slip by the  
5 commodity delivery means.

1           51. An e-commerce method according to claim  
2 46, wherein:

3           in said commodity delivering step (c), the  
4 commodity is delivered to a lockable commodity  
5 cabinet which is located in said non-residential

6 place and is unlocked when said receiver certifying  
7 information, which is known to the customer's  
8 terminal, is input with respect to said commodity  
9 cabinet; and

10 in said commodity transferring step (d), said  
11 transferring of the commodity is carried out as said  
12 commodity cabinet is unlocked by inputting said  
13 receiver certifying information, which is known to  
14 the customer's terminal, with respect to said  
15 commodity cabinet.

1 52. An e-commerce method according to claim  
2 46, wherein said receiver certifying information  
3 is biometrics data.

1 53. An e-commerce method according to claim  
2 46, wherein at the commodity delivery means, it is  
3 notified to the seller's terminal via the  
4 information communication network that said  
5 transferring of the commodity has been carried out  
6 in said commodity transferring step (d).

1 54. An e-commerce method according to claim  
2 45, further comprising the step of:  
3 at the payment agent's terminal  
4 making arrangements to pay to the seller's  
5 terminal via the information communication network

6 for the price relating to the purchase in behalf  
7 of the customer's terminal when said transferring  
8 of the commodity is confirmed by the payment agent's  
9 terminal.

1 55. An e-commerce method according to claim  
2 45, wherein at the commodity delivery means, it is  
3 notified to the payment agent's terminal via the  
4 information communication network that said  
5 transferring of the commodity has been carried out  
6 in said commodity transferring step (d).

1 56. An e-commerce method for an e-commerce  
2 system, which includes a seller's terminal, a  
3 customer's terminal, and commodity delivery means  
4 for delivering the commodity to a designated  
5 destination, each of these various elements of the  
6 system having a function of communicating  
7 information with a desired information  
8 communication network, said method comprising the  
9 steps of:

10 at the customer's terminal

11 (a) sending an order to the seller's terminal  
12 for purchase of a commodity via the information  
13 communication network and designating a  
14 non-residential place other than a residential place  
15 of the customer as the delivery destination via the



16 information communication network;  
17 at the seller's terminal  
18 (b) notifying transaction identification (ID)  
19 information, which is peculiar to said order, to  
20 the customer's terminal via the information  
21 communication network;  
22 (c) making arrangements to deliver the  
23 commodity to said non-residential place; and  
24 at the commodity delivery means  
25 (d) receiving the payment by a receiver for  
26 the purchase relating to said order using said  
27 transaction ID information at said non-residential  
28 place and transferring the commodity to said  
29 receiver at said non-residential place upon receipt  
30 of the payment.

1 57. An e-commerce method according to claim  
2 56, wherein in said commodity transferring step (d),  
3 certification is made as to whether the receiver  
4 for the commodity is an authorized receiver, using  
5 receiver certifying information, which has been  
6 previously communicated between the seller and the  
7 customer.

1 58. An e-commerce method according to claim  
2 57, wherein:  
3 in said commodity delivering step (c), a sales

4 slip medium containing said transaction ID  
5 information in the form of a read-out code  
6 representing said receiver certifying information  
7 is delivered to said non-residential place and is  
8 attached to the commodity; and

9 in said commodity transferring step (d), the  
10 receiver for the commodity is certified as the  
11 authorized receiver, by reading out said transaction  
12 ID information of said sales slip medium using said  
13 receiver certifying information, which is known to  
14 the customer's terminal, as said read-out code.

1 59. An e-commerce method according to claim  
2 58, wherein:

3 in said commodity delivering step (c), said  
4 transaction ID information is ciphered with said  
5 read-out code as a code key; and

6 in said commodity transferring step (d), said  
7 ciphered transaction ID information of said sales  
8 slip medium is deciphered using said code key.

1 60. An e-commerce method according to claim 58,  
2 wherein a digital signature of the authorized  
3 receiver for the commodity is recorded in said sale  
4 slip medium using said receiver certifying  
5 information as a key for said digital signature of  
6 said sales slip medium.

1           61. An e-commerce method according to claim  
2   60, wherein said sales slip medium in which said  
3   digital signature is recorded is delivered to the  
4   seller's terminal as a reusable receipt slip by the  
5   commodity delivery means.

1           62. An e-commerce method according to claim  
2   57, wherein:

3           in said commodity delivering step (c), the  
4   commodity is delivered to a lockable commodity  
5   cabinet which is located in said non-residential  
6   place and is unlocked when said receiver certifying  
7   information, which is known to the customer's  
8   terminal, is input with respect to said commodity  
9   cabinet; and

10          in said commodity transferring step (d), said  
11   transferring of the commodity is carried out as said  
12   commodity cabinet is unlocked by inputting said  
13   receiver certifying information, which is known to  
14   the customer's terminal, with respect to said  
15   commodity cabinet.

1           63. An e-commerce method according to claim  
2   57, wherein said receiver certifying information  
3   is biometrics data.

1           64. An e-commerce method according to claim  
2    56, wherein at the commodity delivery means, it is  
3    notified to the seller's terminal via the  
4    information communication network that said  
5    transferring of the commodity has been carried out  
6    in said commodity transferring step (d).